

A review of the Chinese jumping spiders studied by Dr E. Schenkel (Araneae: Salticidae)

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A review of the Chinese jumping spiders studied by Dr E. Schenkel (Araneae: Salticidae). - 41 species of Chinese jumping spiders described by Dr E. Schenkel as new species from 1936 to 1963 are reviewed in part and listed in the present paper. 13 of these species are still valid in their original combination, 17 were placed in synonymy, 9 were before transferred, and *Menemerus yunnanensis* Schenkel, 1963 is here transferred to *Pseudicius*. Illustrations of the body of *Asianellus potanini* (Schenkel, 1963), *Heliophanus potanini* (Schenkel, 1963) and *Talavera trivittata* (Schenkel, 1963) and of diagnostic structures of *Pseudicius yunnanensis* (Schenkel, 1963), *Thiania cavaleriei* Schenkel, 1963 and *Thiania luteobrachialis* Schenkel, 1963 are given.

Key-words: Araneae - Salticidae - taxonomy - China - Schenkel.

INTRODUCTION

In recent years, due to large-scale habitat destruction and fragmentation, almost all ecosystems in China have experienced severe disturbances. Only a few isolated areas still possess their original flora and fauna. Because of this rapid habitat destruction, many species had disappeared long before they could be collected and described. One of the ways to retrieve information on species that are currently difficult to find but were once quite abundant is to examine specimens collected when their natural habitats were more intact.

Most early studies on Chinese jumping spiders were made by arachnologists from overseas. Among of them, Dr Ehrenfried Schenkel, former curator of the Natural History Museum of Basel, contributed most publications (Schenkel, 1936, 1938a, 1938b, 1953, 1963), but illustrations and other information in these papers are sometimes not sufficient for correct identification. Recently, we checked some salticid specimens studied by E. Schenkel and deposited at the Muséum d'Histoire Naturelle, Paris. Dr Ambros Haenggi (NMB) provided information on Chinese salticid specimens studied by E. Schenkel and deposited at the Naturhistorisches Museum Basel. Based on the results of our work along with work documented by other colleagues, 41 species

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Manuscript accepted 01.07.2002

of Chinese jumping spiders described as new species by E. Schenkel are reviewed and listed in the present paper. 13 of these species remain in their original combination, 17 are junior synonyms, 9 were transferred to other and *Menemerus yunnanensis* Schenkel, 1963 is here transferred to *Pseudicius*.

MATERIAL AND METHODS

The materials used for this study are deposited in the following institutions and universities (abbreviations are used in the text):

HNU Hunan Normal University, Changsha, China

IZCAS Institute of Zoology, Chinese Academy of Sciences, Beijing, China

JLU Jilin University, Changchun, China

MHNG Muséum d'histoire naturelle, Genève, Switzerland

MNHNP Muséum National d'Histoire Naturelle, Paris, France

NMB Naturhistorisches Museum Basel

For each species, only the following synonyms and references are given in the text: References to Schenkel's papers; References to relevant papers by Chinese colleagues, and synonyms not listed in Platnick's spider catalogue (Platnick, 2002).

Updated information on the distribution in China of each species is provided at the provincial level. The names of localities and distribution data are given according to current Chinese standard, as shown in Map 1.

Other abbreviations used in the text: D = Description, T = Transferred.

TAXONOMY

1. Asianellus festivus (C. L. Koch, 1834)

Aelurillus festivus (C. L. Koch): Zhu & Shi, 1983: 199, figs 180a-e (♂ ♀); Chen & Zhang, 1991: 318, fig. 338 (♀).

Phlegra pichoni Schenkel, 1963: 438, figs 251a-b (♂); Yin & Wang, 1979: 36, figs 20A-E (♂ ♀); Hu, 1984: 383, figs 398.1-3 (♂ ♀); Chen & Gao, 1990: 191, figs 244a-b (♂ ♀, misidentified).

Phlegra festiva (C. L. Koch): Harm, 1977: 69, figs 2a-b, 10-12, 14a-b (T♂ ♀ from *Aelurillus*, rejected); Weiss, 1979: 246, figs 21-25 (♂ ♀); Zhang, 1987: 249, figs 221.1-4 (♂ ♀); Peng et al., 1993: 168, figs 590-597 (♂ ♀); Song, Chen & Zhu, 1997: 1739, figs 51a-b (♀).

Asianellus festivus (C. L. Koch): Logunov & Heciak, 1996: 106, figs 1-5, 8, 10, 17-19, 23-28, 39 (T♂ ♀ from *Phlegra*); Song, Zhu & Chen, 1999: 505, figs 288M-O, 289B-C (♂ ♀).

Material examined: 1♂ (holotype of *Phlegra pichoni* Schenkel, 1963), Hangzhou City, Zhejiang Province, 1925 (MNHNP); 6♂ 5♀ ♀, Laishui District, Hebei Province, 12.-13.V.2001, leg. X. J. Peng (MHNG); 1♂, Zhangjiajie City, Hunan Province, 25.VIII.1984, leg. Y. J. Zhang (HNU); 1♀, Mt. Yuelu, Changsha City, Hunan Province, 24.VI.1986, leg. L. P. Xie (HNU); 1♀, Fuping District, Shaanxi Province, 25.VII.1998, leg. J. Chen (IZCAS); 1♀, Bikou Township, Wenxin District, Gansu Province, 25.VI.1998, leg. J. Chen (IZCAS).

Distribution. China (Anhui, Beijing, Gansu, Guangxi, Guizhou, Hebei, Heilongjiang, Hubei, Hunan, Jilin, Shaanxi, Shandong, Shanxi, Sichuan, Zhejiang), Palearctic Region.

2. Asianellus potanini (Schenkel, 1963)

Fig. 1

Phlegra potanini Schenkel, 1963: 436, figs 250a-b (♂); Wesolowska, 1981b: 153, figs 72-76 (♂); Prószyński, 1990: 283 (T♂ ♀ from *Aelurillus*).



MAP 1. Political map of China (source: <http://nfgis.nsdi.gov.cn>).

Asianellus potanini (Schenkel): Logunov & Heciak, 1996: 113, figs 7, 12, 31-32, 36, 49-56 (T♂♀ from *Phlegra*); Song, Zhu & Chen, 1999: 506, figs 288P-Q, 289D (♂♀).

Material examined: 1♂ (holotype of *Phlegra potanini*), collection data missing (according to Schenkel, 1963; possibly in "Kloster Dschoni, Kansu", 24.V. ...label missing) (MNHN).

Distribution. Kazakhstan to China (Gansu).

3. *Bianor hotingchiehi* Schenkel, 1963

Bianor hotingchiehi Schenkel, 1963: 434, figs 249a-f (♂); Yin & Wang, 1979: 27, figs 1A-E (♂♀); Yin & Wang, 1981: 268, figs 1A-H (♂♀); Hu, 1984: 354, figs 368.1-5 (♂♀); Song, 1987: 286, fig. 243 (♂♀); Feng, 1990: 198, figs 173.1-6 (♂♀); Chen & Gao, 1990: 180, figs 229a-c (♂♀); Chen & Zhang, 1991: 288, figs 301.1-5, 302.1-6 (♂♀); Song, Zhu & Li, 1993: 883, figs 58A-D (♂♀); Peng *et al.*, 1993: 26, figs 34-42 (♂♀); Zhao, 1993: 391, figs 195a-c (♂♀); Song, Zhu & Chen, 1999: 506, figs 289J, 290A, 324M (♂♀).

Material examined: 1♂ 2♀, Xiangyin District, Hunan Province, XI.1980, leg. Z. Q. Hu (HNU); 1♂, Mt. Longqi, Jiangle District, Fujian Province, 19.VIII.1991 (MHNG); 1♀, Mt. Tianmu, Zhejiang Province, 5.IX.1989 (MHNG); 1♂, Cili District, Hunan Province, VII.1986, leg. X. J. Peng (HNU); 1♀, Xiangyin District, Hunan Province, X.1986, leg. X. J. Peng (HNU).

Distribution. China (Anhui, Fujian, Guangdong, Guangxi, Guizhou, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Shandong, Sichuan, Yunnan, Zhejiang), Bangladesh, Myanmar, Vietnam.

4. *Carrhotus xanthogramma* (Latireille, 1819)

Carrhotus xanthogramma (Latireille): Lessert, 1910: 592; Prószyński, 1973b: 100, figs 8-14 (♂ ♀); Guo, 1985: 175, figs 2-99.1-4 (♂ ♀); Song, 1987: 287, figs 244 (♂ ♀); Zhang, 1987: 236, figs 207.1-4 (♂ ♀); Chen & Gao, 1990: 181, figs 230a-c (♂ ♀); Chen & Zhang, 1991: 295, figs 310.1-3 (♂ ♀); Peng et al., 1993: 38, figs 84-91 (♂ ♀); Zhao, 1993: 392, figs 196a-c (♂ ♀); Song, Zhu & Chen, 1999: 507, figs 290K, 291C (♂ ♀).

Carrhotus pichoni Schenkel, 1963: 444, figs 254a-c (♂); Yin & Wang, 1979: 28, figs 3A-E (♂ ♀); Yin & Wang, 1981: 269, figs 2A-F (♂ ♀); Hu, 1984: 356, figs 370.1-4 (♂ ♀).

Carrhotus bicolor (Walckenaer): Peng, 1989: 158, figs 2A-F (♂ ♀).

Material examined: 1♂, (paratype of *Carrhotus pichoni*), Zhejiang Province (on locality label: Hangtscheu Tschekiang), leg. Dr Pichon, 1925 (NMB2162a); 1♂ 1♀, Dadou District, Guangxi Zhuang Autonomous Region, alt. 280m, 29.III.1988, leg. M. Wu (MHNG); 1♀, Daxin District, Guangxi Zhuang Autonomous Region, alt. 280m, 30.III.1988, leg. M. Wu (MHNG); 1♀, Nanping, Shangsi District, Guangxi Zhuang Autonomous Region, alt. 350m, 11.VI.2000, leg. J. Yao (MHNG); 1♂, Xialei Town, Daxin District, Guangxi Zhuang Autonomous Region, alt. 320m, 31.III.1998, leg. M. Wu (MHNG); 1♀, Dongzhong Town, Fangchenggang City, Guangxi Zhuang Autonomous Region, alt. 270m, 5.IV.1998, leg. J. Chen (MHNG); 1♀, Yaogou, Fuping District, Shaanxi Provinces, alt. 870-1000m, 25.VII.1998, J. Chen (IZCAS).

Distribution. China (Fujian, Guizhou, Guangdong, Guangxi, Hunan, Hubei, Jilin, Liaoning, Shaanxi, Shandong, Sichuan, Taiwan, Zhejiang), Palearctic Region.

5. *Davidina magnidens* (Schenkel, 1963)

Davidia magnidens Schenkel, 1963: 465, figs 263a-f (♀).

No specimens examined.

Distribution. China (Zhejiang).

Remarks: This species was described by Schenkel (1963) from an immature specimen, which could not be found in the MNHNP.

6. *Evarcha albaria* (L. Koch, 1878)

Evarcha albaria (L. Koch): Simon, 1903: 697, figs 837 (♂); Schenkel, 1963: 459, figs 260a-c (♂ ♀); Yin & Wang, 1979: 30, figs 6A-C (♂ ♀); Wang, 1981: 137, figs 77A-C (♂ ♀); Hu, 1984: 361, figs 376.1-4 (♂ ♀); Guo, 1985: 176, figs 2-100.1-4 (♂ ♀); Zhu & Shi, 1983: 212, figs 184a-d (♂ ♀); Song, 1987: 290, figs 246 (♂ ♀); Zhang, 1987: 238, figs 209.1-4 (♂ ♀); Feng, 1990: 199, figs 174.1-6 (♂ ♀); Chen & Gao, 1990: 183, figs 232a-b (♂ ♀); Chen & Zhang, 1991: 312, figs 331.1-4 (♂ ♀); Song, Zhu & Li, 1993: 884, figs 59A-D (♂ ♀); Peng et al., 1993: 61, figs 159-165 (♂ ♀); Zhao, 1993: 395, figs 198a-c (♂ ♀); Song, Chen & Zhu, 1997: 1734, figs 44a-d (♂ ♀); Song, Zhu & Chen, 1999: 509, figs 292P-Q, 294B-C (♂ ♀).

Evarcha pichoni Schenkel, 1963: 459, figs 261a-b (♂).

Material examined: 1♂ (holotype of *Evarcha pichoni* Schenkel, 1963), Hangzhou City, Zhejiang Province, 1925 (MNHNP); 1♂ 5♀ ♀, Miaotaizi Town, Liuba District, Shaanxi Province, alt. 1350-1730m, 21.VII.1998, leg. J. Chen (MHNG); 1♀, Yaogou, Fuping District, Shaanxi Provinces, alt. 870-1000m, 25.VII.1998 (MHNG); 1♀, Kangxian District, Gansu Province, alt. 1400-1680m, 15.VII.1998, leg. J. Chen (MHNG); 2♂ ♂, Bifenggou, Bikou Town, Wenxian District, Gansu Province, alt. 900-1500m, 25.VI.1998, leg. J. Chen (MHNG); 1♂, Kangxian District, Gansu Province, alt. 1470-1610m, 13.VII.1998, leg. H. J. Wang (MHNG); 1♂ 1♀, Mt. Baiyun, Kangxian District, Gansu Province, alt. 1250-1750m, 12.VII.1998, leg. J.

Chen (MHNG); 1♀, Mt. Baiyun, Kangxian District, Gansu Province, alt. 1300-1750m, 12.VII.1998, leg. J. Chen (MHNG); 12♂ 16♀, Cili District, Hunan Province, 27.VII.1986, leg. X. J. Peng (HNU); 1♀, Hangzhou City, Zhejiang Province (on locality label: Hangtscheu Tschekiang), leg. Dr Pichon, 1925 (NMB2162a).

Distribution. China (Anhui, Gansu, Hubei, Hebei, Henan, Hunan, Fujian, Guangdong, Guangxi, Jiangsu, Jilin, Liaoning, Shaanxi, Shandong, Shanxi, Sichuan, Xinjiang, Yunnan, Zhejiang), Russia, Korea, Japan.

7. *Hasarina contortospinosa* Schenkel, 1963

Hasarina contortospinosa Schenkel, 1963: 462, figs 262a-g (♂); Wesolowska, 1981b: 132, figs 10-13 (♂); Xiao, 1991: 383, figs 1-4 (♀); Peng *et al.*, 1993: 83, figs 254-263 (♂ ♀); Song, Zhu & Chen, 1999: 513, figs 299F, M (♂ ♀).

Material examined: 1♀, Xuanen District, Hubei Province, 24.V.1989 (MHNG).

Distribution. China (Fujian, Gansu, Hubei, Hunan, Sichuan).

8. *Heliophanus curvidens* (O. P.-Cambridge, 1872)

Heliophanus berlandi Schenkel, 1963: 399, figs 229a-c (♂ ♀; preoccupied by *H. berlandi* Lawrence, 1937); Prószynski & Zochowska, 1981: 18, figs 7-11 (♂ ♀); Song, Zhu & Chen, 1999: 513, figs 299P-R, 300B-C (♂ ♀).

Heliophanus curvidens (O. P.-Cambridge): Simon, 1876: 165; Song, Zhu & Chen, 1999: 514, figs 300D-E, J-L (♂ ♀).

Material examined: 1♂ (holotype of *Heliophanus berlandi*), collection data missing (according to Schenkel, 1963: "Lau-wa-sja (Louwacheng) am Siningho", Gansu, 19.IV.1885) (MNHN); 1♂ (paratype of *Heliophanus berlandi*), Gansu Province (locality given on label: "Chautschuan a. Siningho"), leg. Potanin, 22.IV.1885 (NMB2176a).

Distribution. Israel to China (Gansu, Xinjiang).

9. *Heliophanus potanini* Schenkel, 1963

Figs 2-3

Heliophanus potanini Schenkel, 1963: 397, figs 228a-b (♂ ♀); Zhou & Song, 1988: 3, figs 4a-e (♂ ♀); Hu & Wu, 1989: 373, figs 282.4-7 (♂ ♀); Song, Zhu & Chen, 1999: 514, figs 300R-S, 301A (♂ ♀).

Menemerus fagei Schenkel, 1963: 422, figs 242a-f (♀).

Material examined: 1♀ (holotype of *Menemerus fagei*, epigynum missing), collection data missing (according to Schenkel, 1963: "Zwischen Tschintasy und Suwanko, Su, Suchow", 1.-5.VI. 1886) (MNHN); 1♀ (paratype of *Heliophanus potanini*), Inner Mongolia (locality given on label: "Grenze Chara-Sucha, Etsin-Gol"), leg. Dr Potanin 23.-29.VII.1886 (NMB2180a); 2♂ 1♀, Bohu District, Xinjiang Uygur Autonomous Region, 20.V.1985, leg. N.L. Zhou (IZ-CAS).

Distribution. China (Inner Mongolia, Jiangsu, Xinjiang, Zhejiang), Afghanistan, Central Asia, Mongolia.

10. *Mendoza canestrinii* (Ninni, 1868)

Mithion pichoni Schenkel, 1963: 414, figs 238a-b (♂).

Mithion tschekiangensis Schenkel, 1963: 418, figs 240a-f (♀).

Marpissa obscura Kroneberg, 1875: 46, pl. 5, fig. 33 (♂ ♀); Song, Zhu & Chen, 1999: 533, figs 302P, 303G (♂ ♀).

Marpissa magister Prószynski, 1973b: 116; 1976: 155, fig. 251, 258 (T♂ ♀ from *Mithion* = *Thyene*); Yin & Wang, 1979: 33, figs 14A-D (♂ ♀); Song, 1980: 205, figs 114a-f (♂ ♀); Hu, 1984: 372, figs 389.1-4 (♂ ♀); Guo, 1985: 180, figs 2-103.1-3 (♂ ♀); Zhu & Shi, 1983: 205, figs 187a-e (♂ ♀); Song, 1987: 296, figs 252 (♂ ♀); Zhang, 1987: 241, figs

213.1-4 (♂♀); Feng, 1990: 208, figs 183.1-6 (♂♀); Chen & Gao, 1990: 185, figs 235a-b (♂♀); Chen & Zhang, 1991: 307, figs 326.1-5 (♂♀); Peng et al., 1993: 118, figs 394-402 (♂♀); Zhao, 1993: 405, figs 206a-c (♂♀); Song, Zhu & Chen, 1999: 533, figs 302N, 303E (♂♀).

Mendoza canestrinii (Ninni): Logunov, 1999: 49, figs 14-15, 24-25, 29, 37, 39, 44, 78-79, 98-104, 107-108, 114, 119, 123-124, 131-132.

Material examined: 1♀ (holotype of *Mithion tschekiangensis*), Zhejiang Province (locality given on label: W. Tschekiang) (MNHN); 1♂ (paratype of *Mithion pichoni*), Hangzhou City, Zhejiang Province (locality on label: Hangtscheu, Tschekiang), leg. A. Pichon, 1925 (NMB2194a); 2♂♂, Xinguo District, Jiangxi Province, VIII.1979, leg. C. M. Yin (HNU); 7♂♂5♀♀, Guizhou Province, 1979, leg. J. Li (HNU); 4♂♂2♀♀, Chongan District, Fujian Province, VII.1986, leg. X. Q. Xiao (HNU); 4♂♂, Suining District, Hunan Province, VIII.1984, M. Y. Liu (HNU); 1♂, Yangjiang District, Guangdong Province, 16.V.1976, leg. W. N. Wu (MHNG); 1♂, Leishan District, Guizhou Province, 27.VI. 1988 (IZCAS).

Distribution. China (Anhui, Beijing, Fujian, Guangdong, Guangxi, Guizhou, Hebei, Henan, Hunan, Hubei, Jiangsu, Jilin, Shaanxi, Shandong, Shanxi, Sichuan, Zhejiang), North Africa, Palearctic Region.

11. *Mendoza elongata* (Karsch, 1879)

Mithion hotingchiehi Schenkel, 1963: 416, figs 239a-e (♂).

Marpissa elongata (Karsch): Prószyński, 1973b: 114, figs 47-50 (♂); Yin & Wang, 1979: 34, figs 15A-B(♂); Hu, 1984: 372, figs 388.1-8 (♂♀); Guo, 1985: 178, figs 2-102.1-4 (♂♀); Feng, 1990: 207, figs 182.1-4 (♂♀); Chen & Zhang, 1991: 306, figs 325.1-3 (♂♀); Peng et al., 1993: 116, figs 387-393 (♂♀); Zhao, 1993: 403, figs 205a-c (♂♀); Song, Zhu & Chen, 1999: 533, figs 302M, 303D, 327C-D (♂♀).

Mendoza elongata (Karsch): Logunov, 1999: 53, figs 45, 122 (T♂♀ from *Marpissa*).

Material examined: 1♂, Bikou town, Wenxian District, Gansu Province, alt. 7000m, 24.VI. 1998, leg. J. Chen (MHNG); 1♂, Mt. Baiyun, Kangxian District, Gansu Province, alt. 1300-1750m, 12.VII.1998, leg. J. Chen (MHNG); 2♂♂3♀♀, Sangang, Chongan District, Fujian Province, VII.1986, leg. X. J. Peng (HNU); 1♀, Shangping Town, Hefeng District, Hubei Province, 30.V.1989 (IZCAS).

Distribution. China (Beijing, Fujian, Gansu, Guizhou, Heilongjiang, Hubei, Hunan, Jiangsu, Shaanxi, Shanxi, Sichuan, Taiwan, Zhejiang), Russia, Korea, Japan.

12. *Menemerus bivittatus* (Dufour, 1831)

Menemerus bonneti Schenkel, 1963: 430, figs 248a-e (♂). Peng et al., 1993: 125, figs 418-421 (♂); Song, Zhu & Chen, 1999: 534, fig. 303K (♂).

Menemerus bivittatus (Dufour): Peckham & Peckham, 1886: 292; Zabka, 1985: 240, figs 283-292 (♂♀); Peng et al., 1998: 37, figs 1-3 (♀).

Material examined: 1♂ (holotype of *Menemerus bonneti* Schenkel, 1963), collection data missing (according to Schenkel, 1963: Vinhi, 7.III.1925) (MNHN); 1♀, Goulufeng, Hengyang City, Hunan Province, 2.VIII.1997, leg. X. J. Peng (HNU); 1♂, Haikou City, Hainan Province, X.1980, leg. Z. Q. Feng (HNU); 2♂♂, Mengla District, Yunnan Province, VII.1983, leg. J. F. Wang (HNU); 1♂1♀, Tianchi, Jiangfeng Rain Forest, Hainan Province, XII.1989 (MHNG); 5♂♂, Jiangfeng Rain Forest, Hainan Province, 20.V.1990 (IZCAS).

Distribution. China (Guangdong, Hainan, Hunan, Yunan), pantropical distribution.

13. *Menemerus fulvus* (L. Koch, 1878)

Menemerus sinensis Schenkel, 1963: 427, figs 246a-b (♀).

Menemerus schensiensis Schenkel, 1963: 429, figs 247a-d (♀).

Menemerus confusus Bösenberg & Strand, 1906: 350, pl. 9, fig. 146, pl. 14, fig. 370 ($\delta \varphi$); Yin & Wang, 1979: 35, figs 17A-D ($\delta \varphi$); Hu, 1984: 376, figs 392.1-2 ($\delta \varphi$); Guo, 1985: 181, figs 2-104.1-3 ($\delta \varphi$); Song, 1987: 297, figs 253 ($\delta \varphi$); Zhang, 1987: 242, figs 214.1-5 ($\delta \varphi$); Feng, 1990: 209, figs 184.1-6 ($\delta \varphi$); Chen & Gao, 1990: 186, figs 236a-b ($\delta \varphi$); Chen & Zhang, 1991: 308, figs 327.1-3 ($\delta \varphi$); Zhao, 1993: 406, figs 207a-c ($\delta \varphi$).

Menemerus fulvus (L. Koch): Prószyński, 1987: 155 (T $\delta \varphi$ from *Hasarius*).

Material examined: 1 φ (holotype of *Menemerus schensiensis*), Zhejiang Province (locality given on label: W. Tschekiang) (MNHN); 1 φ (paratype of *Menemerus schensiensis*, epigynum missing), Hanzhou, Zhejiang Province (locality given on label: Hantschongfu) (MNHN); 1 φ (paratype of *sinensis*), Nanjing City, Jiangsu Province (locality on label: Nan King), leg. G. de Joannis, 1908 (NMB2187a); 2 $\varphi \varphi$ (paratypes of *Menemerus sinensis* Schenkel 1963, one specimen without epigynum), Nanjing, Jiangsu Province, 1908 (locality given on label: Nan Kin) (MNHN); 7 $\delta \delta 7 \varphi \varphi$, Changsha City, Hunan Province, VIII.1986, leg. X. J. Peng (HNU); 4 $\varphi \varphi$, Shangrao City, Jiangxi Province, VI.1987, leg. X. J. Xie (HNU); 3 $\delta \delta 3 \varphi \varphi$, Xichang City, Sichuan Province, X.1975 (HNU); 3 $\varphi \varphi$, Jiangfeng Rain Forest, Hainan Province, 20.V.1990 (MHNG).

Distribution. China (Anhui, Beijing, Fujian, Guangxi, Guizhou, Hainan, Hebei, Hunan, Hubei, Jiangsu, Jiangxi, Sichuan, Taiwan, Yunnan, Zhejiang), India to Japan.

14. *Menemerus legendrei* Schenkel, 1963

Menemerus legendrei Schenkel, 1963: 423, figs 243a-e (φ).

No specimens examined.

Distribution. China (Yunnan).

15. *Menemerus wuchangensis* Schenkel, 1963

Menemerus wuchangensis Schenkel, 1963: 424, figs 245a-e (φ).

No specimens examined.

Distribution. China (Hubei).

16. *Myrmachne schenkeli* Peng & Li, 2002

Myrmachne lesserti Schenkel, 1963: 391, figs 226a-b (preoccupied by *M. lesserti* Lawrence, 1938, δ); Song, Zhu & Chen, 1999: 535, figs 305D, N (δ , φ mislabeled).

Myrmachne schenkeli Peng & Li, 2002: 139.

No specimens examined.

Distribution. China (Hong Kong) (?).

Remarks: This species was described from one male collected at "Castle Peak". But it is not clear whether "Castle Peak" is in China (Hong Kong) or in USA (California) (Schenkel, 1963).

17. *Pellenes denisi* Schenkel, 1963

Pellenes denisi Schenkel, 1963: 440, figs 252a-b (φ); Wesolowska, 1981b: 151, figs 68-69 (φ); Logunov, Marusik & Rakov, 1999: 122.

Pellenes albomaculatus Peng & Xie, 1993: 80, figs 1-4 (φ); Song, Zhu & Chen, 1999: 537, figs 306F-G, 327Q (φ).

Material examined: 1 φ (holotype of *Pellenes denisi*, epigynum missing), collection data missing (according to Schenkel, 1963: "Etsingol oberhalb Kau-taeh", Innere Mongolei, 20.VI.1886) (MNHN); 1 φ , Qinshui District, Gansu Province, VII.1986, leg. H. Bei (HNU);

2♀♀, Bohu, Xinjiang Uygur Autonomous Region, 2.V.1982, leg. C. D. Zhu (JLU).
 Distribution. China (Gansu, Inner Mongolia, Xinjiang), Tajikistan.

18. *Pellenes gobiensis* Schenkel, 1936

Pellenes gobiensis Schenkel, 1936: 307, fig. 108 (♀); Wesolowska, 1981b: 152, figs 70-71 (♀); Logunov, 1992: 60, figs 5a-h (♂♀); Song, Zhu & Chen, 1999: 537, figs 306H-J, 307A (♂♀).

No specimens examined.

Distribution. China (Inner Mongolia), Russia, Mongolia.

19. *Phintella arenicolor* (Grube, 1861)

Jotus difficilis Bösenberg & Strand, 1906: 336, pl. 14, fig. 379 (♀); Yin & Wang, 1979: 31, figs 11A-D (♂♀); Hu, 1984: 369, figs 384.1-4 (♂♀).

Dexippus lesserti Schenkel, 1963: 451, f. 257a-k (♂♀).

Phintella melloteei (Simon): Prószyński, 1983b: 6, fig. 14 (T♂♀ from *Telamonia*); Song, 1987: 294, fig. 250 (♀); Feng, 1990: 204, figs 179.1-6 (♂♀) Chen & Gao, 1990: 190, figs 242a-b (♂♀); Chen & Zhang, 1991: 293, figs 308.1-2 (♀); Peng et al., 1993: 156, figs 540-547 (♂♀); Zhao, 1993: 414, figs 214a-c (♂♀); Song, Chen & Zhu, 1997: 1737, figs 49a-c (♂).

Phintella arenicolor (Grube): Logunov & Wesolowska, 1992: 135, figs 24A-C, 25A-B, 26A-C, 27A, C, E (removed ♂ from *P. castriesiana*, contra Prószyński, 1979: 310, sub *Icius*); Song, Zhu & Chen, 1999: 538, figs 307J, 308A-B (♂♀).

Material examined: 1♀, Dongzhong Town, Fangchenggang City, Guangxi Zhuang Autonomous Region, alt. 270m, 5.IV.1998, leg. J. Chen (MHNG); 1♀, Xuanen District, Hubei Province, 24.V.1989 (IZCAS).

Distribution. China (Beijing, Gansu, Hubei, Hunan, Jilin, Shanxi, Yunnan, Zhejiang), Russia, Korea, Japan.

20. *Phintella cavaleriei* (Schenkel, 1963)

Dexippus cavaleriei Schenkel, 1963: 454, figs 258a-e (♀).

Icius cavaleriei (Schenkel): Wesolowska, 1981b: 134, figs 18-21 (T♀ from *Dexippus*); Song, Yu & Yang, 1982: 210, figs 8-12 (♀); Hu, 1984: 366, figs 382.6-10 (♂♀).

Phintella cavaleriei (Schenkel): Prószyński, 1983b: 6 (T♀ from *Icius*); Song, 1987: 293, figs 249 (♂♀); Feng, 1990: 201, figs 176.1-4 (♂); Chen & Gao, 1990: 189, figs 241a-b (♂♀); Chen & Zhang, 1991: 293, figs 307.1-4 (♂♀); Peng et al., 1993: 154, figs 532-539 (♂♀); Song, Chen & Zhu, 1997: 1736, figs 48a-c (♀); Song, Zhu & Chen, 1999: 538, figs 307M, 308E-F, 328C (♂♀).

Material examined: 1♀, Bifenggou, Bikou Town, Wenxian District, Gansu Province, alt. 900-1500m, 25.VI.1998, leg. J. Chen (MHNG); 1♀, Badong District, Hubei Province, 22.V.1989 (MHNG). 2♂♂ 5♀♀, Mt. Xingdoushan, Maoba Town, Lichuan City, Hubei Province, 6.VI.1989 (IZCAS); 2♂♂, Chayuan Town, Hefeng District, Hubei Province, 31.V.1989 (IZCAS).

Distribution. China (Fujian, Gansu, Guangxi, Guizhou, Hubei, Hunan, Jiangxi, Sichuan, Zhejiang), Korea.

21. *Phintella versicolor* (C. L. Koch, 1846)

Jotus munitus Bösenberg & Strand, 1906: 334, pl. 14, figs 374, 392 (♂♀); Yin & Wang, 1979: 32, figs 13A-E (♂♀); Hu, 1984: 370, figs 386.1-6 (♂♀).

Dexippus davidi Schenkel, 1963: 446, f. 255a-e (♂).

Phintella versicolor (C. L. Koch): Prószyński, 1983a: 44, figs 3 (T♂♀ from *Chrysilla*); Song, 1987: 288, fig. 245 (♂♀); Feng, 1990: 202, figs 177.1-4 (♂♀); Chen & Gao, 1990: 191,

figs 243a-b (δ ♀); Chen & Zhang, 1991: 290, figs 303.1-5 (δ ♀); Peng *et al.*, 1993: 162, figs 569-576 (δ ♀); Zhao, 1993: 411, figs 212a-c (δ ♀); Song, Chen & Zhu, 1997: 1738, figs 50a-c (δ ♀); Song, Zhu & Chen, 1999: 539, figs 308O-P, 309F-G, 328E-F (δ ♀).

Material examined: 1♀, Funong Town, Fangchenggang City, Guangxi Zhuang Autonomous Region, alt. 220m, 19.IV.1998, leg. M. Wu (MHNG); 1♀, Longsheng District, Guangxi Zhuang Autonomous Region, 6.III.1998, leg. M. Wu (MHNG); 1♂ 1♀, Maheba Town, Xianfeng District, Hubei Province (IZCAS); 1♀, Jinghong, Yunnan Province, 2.XI.1988 (IZCAS); 4♀, Xinzhuan Town, Xiushan District, Hubei Province, 11.VI.1989 (MHNG).

Distribution. China (Anhui, Guangdong, Guangxi, Hubei, Hunan, Jiangxi, Taiwan, Yunnan, Zhejiang), Hawaii, Japan, Korea, Sumatra.

22. *Plexippoides discifer* (Schenkel, 1953)

Plexippus discifer Schenkel, 1953b: 88, figs 41 (δ); Yin & Wang, 1979: 38, figs 23A-D (δ ♀); Yin & Wang, 1981: 271, figs 3A-G (δ , D♀); Hu, 1984: 384, figs 400.1-5 (δ ♀).

Plexippoides discifer (Schenkel): Prószyński, 1976: 156, fig. 293 (T δ into generic nomen nudum); Prószyński, 1984b: 400 (T δ from *Plexippus*); Zhu & Shi, 1983: 210, figs 192a-b (δ); Zhang, 1987: 253, figs 225.1-3 (δ); Chen & Gao, 1990: 192, figs 245a-b (δ ♀); Peng *et al.*, 1993: 173, figs 606-611 (δ ♀); Zhao, 1993: 417, figs 216a-b (δ); Song, Zhu & Chen, 1999: 540, figs 309P-Q, 310G-H, 328J (δ ♀).

Material examined: 1♂, Qiqi, Yunnan Province, 9.-14.VII.2000 (HNU).

Distribution. China (Beijing, Hebei, Hunan, Shandong, Shanxi, Yunnan, Zhejiang).

23. *Plexippus setipes* Karsch, 1879

Plexippus setipes Karsch, 1879: 89 (δ); Yin & Wang, 1979: 37, figs 22A-E (δ ♀); Song, 1980: 202, figs 112a-e (δ ♀); Wang, 1981: 136, figs 76A-C (δ ♀); Hu, 1984: 387, figs 403.1-2 (δ ♀); Guo, 1985: 183, figs 2-106.1-3 (δ ♀); Zhu & Shi, 1983: 213, figs 195a-c (δ ♀); Song, 1987: 301, figs 257 (δ ♀); Zhang, 1987: 251, figs 223.1-3 (δ ♀); Feng, 1990: 214, figs 189.1-5 (δ ♀); Chen & Gao, 1990: 194, figs 248a-c (δ ♀); Chen & Zhang, 1991: 297, figs 313.1-4 (δ ♀); Song, Zhu & Li, 1993: 886, figs 63A-D (δ ♀); Peng *et al.*, 1993: 185, figs 646-652 (δ ♀); Zhao, 1993: 419, figs 218a-c (δ ♀); Song, Zhu & Chen, 1999: 541, figs 311, 312D, 328N (δ ♀).

Dexippus berlandi Schenkel, 1963: 456, figs 259a-e (δ ♀).

Material examined: 1♀ (holotype of *Dexippus berlandi* Schenkel, 1963), West Zhejiang, IV.1873 (MNHN); 2♂ 1♀, Liuku suburb, Yunnan Province, 25.VI.2000, leg. D Kavanaugh & H. M. Yan (HNU); 2♂ 1♀, Liuku along Nujiang, Yunnan Province, 26.VI.2000, leg. D. Kavanaugh, C. Griswold & H. M. Yan (HNU); 1♂, Gongshan suburb, Yunnan Province, 26.VI.2000, leg. H. M. Yan (HNU); 1♂, Liuku along Yongping, Yunnan Province, 26.VII.2000, leg. D Kavanaugh & H. M. Yan (HNU); 1♀, Fulong Town, Fangchenggang City, Guangxi Zhuang Autonomous Region, alt. 200m, 23.IV.1999, leg. G. Q. Zhang (MHNG); 1♀, Nanjing, Zhejiang Province, 28.IV.1925, leg. Prof. G. Ping (IZCAS); 1♀, Xuanen District, Hubei Province, 24.V.1989 (MHNG); 1♂, Yingjiang, Dehong District, Yunnan Province, 10.VII (MHNG); 1♂, Mt. Longqi, Jiangle District, Fujian Province, 11.IX.1990, leg. S. Q. Li (IZCAS).

Distribution. China (Anhui, Fujian, Hebei, Gansu, Guangdong, Guangxi, Hubei, Hunan, Jiangsu, Jiangxi, Shanghai, Sichuan, Shaanxi, Shandong, Shanxi, Yunan, Zhejiang), Japan, Turkmenistan, Vietnam.

24. *Pseudeuophrys obsoleta* (Simon, 1868)

Euophrys bacelari Schenkel, 1938: 18, figs 7 (δ).

Euophrys obsoleta Simon, 1876: 196; Hu & Li, 1987b: 328, figs 48.3-4 (δ).

Pseudeuophrys obsoleta (Simon): Zabka, 1997: 78, figs. 272-277 (T ♂ ♀ from *Euophrys*).

No specimens examined.

Distribution. Palearctic Region.

25. *Pseudicius yunnanensis* (Schenkel, 1963) comb. nov.

Figs 4-7

Menemerus? yunnanensis Schenkel, 1963: 426, fig. 245 (♀); Wesolowska, 1981b: 150, figs 64-67 (♀); Song, Zhu & Chen, 1999: 534, fig. 304D (♀).

Material examined: 1 ♀ (holotype of *Menemerus? yunnanensis*, epigynum missing), Yunnan Province, 1913 (locality given on label: Yunnan-Fou, alt. 1850-2000m) (MNHNP).

Remarks. This species clearly belongs to the genus *Pseudicius* because of the presence of a row of peculiar stridulatory spines on tubercles situated below the eye laterally (arrow in fig. 5) and of corresponding microscopic spines prolaterally on femur I (arrow in fig. 6).

Distribution. China (Yunnan).

26. *Pseudoheliophanus similis* Schenkel, 1963

Pseudoheliophanus similis Schenkel, 1963: 433 (description of juvenile).

Material examined: 1 ♀ (holotype, immature), collection data missing (according to Schenkel, 1963: "Fluss Barchany im N. von Borobalgassun, Ordos", 12.IX.1884) (MNHNP).

Distribution. China (Inner Mongolia).

27. *Rhene plana* (Schenkel, 1936)

Ballus planus Schenkel, 1936: 244, fig. 80 (♀).

Rhene planus Logunov, 1993: 51, figs 3A-B (T ♀ from *Ballus*); Song, Zhu & Chen, 1999: 558, figs 315A-B (♀).

Material examined. 1 ♀ (paratype of *Ballus planus*), Gansu Province (locality given on label: S. Kansu, K13, Hummen coll.), K13 Hedius Exp. (NMB2161a).

Distribution. China (Gansu).

28. *Salticus potanini* Schenkel, 1963

Salticus potanini Schenkel, 1963: 410, figs 236a-e (♀); Wesolowska, 1981a: 79, figs 106-107 (♀); Prószynski, 1982: 288, fig. 43 (♀); Tu & Zhu, 1986: 94, figs 34-38 (♂ ♀); Zhang & Zhu, 1987: 33, figs 3A-C (♂ ♀); Zhang, 1987: 254, figs 226.1-4 (♂ ♀); Zhou & Song, 1988: 8, figs 11a-c (♀); Hu & Wu, 1989: 383, figs 300.1-7 (♂ ♀); Chen & Gao, 1990: 197, figs 251a-b (♂ ♀); Peng *et al.*, 1993: 206, figs 727-734 (♂ ♀); Song, Zhu & Chen, 1999: 558, figs 315F-G, I, 329G (♂ ♀).

Material examined: 3 ♂ ♂ 3 ♀ ♀, Qintongxia Forest Farm, Ningxia Hui Autonomous Region, 16.III.1982, leg. L. D. Jia (HNU); 1 ♂ 1 ♀, Yangcheng District, Hebei Province, 12.VII.1980, leg. M. S. Zhu (HNU); 1 ♂, Luguantai, Zhouzhi District, Shaanxi Province, 10.X.1992, leg. X. J. Peng (HNU); 1 ♀, Bohu District, Xinjiang Uygur Autonomous Region, 7.VI.1982, leg. N. L. Zhou (MHNG).

Distribution. China (Hebei, Hubei, Hunan, Jiangsu, Ningxia, Shaanxi, Shanxi, Sichuan, Taiwan, Xinjiang, Zhejiang); Korea, Mongolia.

29. *Sitticus avocator* (O. P.-Cambridge, 1885)

Sitticus paraviduus Schenkel, 1963: 402, figs 232a-c (♂ ♀); Zhu & Shi, 1983: 215, figs 198a-c (♂).

Sitticus avocator (O. P.-Cambridge): Prószynski & Zochowska, 1981: 26, figs 25-26 (T♂ from *Attulus*); Zhou & Song, 1988: 9, figs 12a-f (♂♀); Hu & Wu, 1989: 386, figs 302.6-10 (♂♀); Tang & Song, 1990: 52, figs 4A-C (♀); Song, Zhu & Chen, 1999: 559, figs 315Q-R, 316F-G (♂♀).

Material examined: 1♂ (holotype of *Sitticus paraviduus*), collection data missing (according to Schenkel, 1963: "Grenze Chara su-Cha...., linkes Ufer des Etsingol", 23.-29.VII, 1886) (MNHN).

Distribution. China (Inner Mongolia, Shanxi, Tibet, Xinjiang), Russia, Central Asia to Japan.

30. *Sitticus clavator* Schenkel, 1936

Sitticus clavator Schenkel, 1936: 247, fig. 81 (♂); Song, 1987: 303, fig. 259 (♂); Logunov, 1993: 9, figs 7, 24-25 (♂); Song et al., 1996: 108, figs 4A-C (♀); Song, Zhu & Chen, 1999: 559, figs 316H-J, 317A (♂♀).

Sitticus penicillatus (Simon): Peng et al., 1993: 218, figs 772-777 (♂♀, misidentified).

Material examined: 1♂ 1♀, Mt. Huang, Anhui Province, 23.X.1974 (HNU); 2♂ 1♀, Longjing, Jilin Province, 7.-8.VI.1971 (JLU); 1♂, Sanhe District, Jilin Province, V.1971 (JLU); 3♂, Yesanpo, Laishui District, Hebei Province, 12.-13.V.2001, leg. X. J. Peng (MHNG).

Distribution. China (Anhui, Gansu, Hebei, Jilin).

31. *Sitticus sinensis* Schenkel, 1963

Sitticus sinensis Schenkel, 1963: 404, figs 233a-d (♂♀); Yin & Wang, 1979: 39, figs 25A-E (♂♀); Hu, 1984: 391, figs 408.1-3 (♂♀); Zhu & Shi, 1983: 217, figs 200a-i (♂♀); Zhang, 1987: 258, figs 230.1-4 (♂♀); Hu & Wu, 1989: 392, figs 306.1-2 (♀); Chen & Zhang, 1991: 305, figs 323.1-3 (♂♀); Peng et al., 1993: 219, figs 778-786 (♂♀); Zhao, 1993: 426, figs 224a-d (♂♀); Song, Zhu & Chen, 1999: 559, figs 316P, 317D, 329M (♂♀).

Material examined: 1♂ 3♀, Yesanpo Town, Laishui District, Hebei Province, 12.-13.V.2001, leg. X. J. Peng (MHNG); 1♂, Huairou District, Beijing, 1.VI.2001, leg. X. J. Peng (IZCAS); 16♂ 8♀, Jilin Province, 1955-1984 (JLU); 7♂ 5♀, Beijing City, 6-8.VII.1974 (HNU); 2♂, Shijiazhuang, Hebei Province, V.1985 (HNU); 1♀, Manasi District, Xinjiang Uygur Autonomous Region (IZCAS); 2♀, Ürümqi, Xinjiang Uygur Autonomous Region, 11.V.1984, leg. W. H. Zhen (MHNG); 1♂ 1♀, Manasi District, Xinjiang Uygur Autonomous Region, 12.V.1984 (IZCAS); 1♂ 2♀, Bohu District, Xinjiang Uygur Autonomous Region, 15.IV.1981 (IZCAS); 1♂, Luochuan, Shaanxi Province, 10.VI.1981 (IZCAS).

Distribution. China (Beijing, Gansu, Hebei, Hunan, Jilin, Liaoning, Shaanxi, Shandong, Shanxi, Qinghai, Xinjiang).

32. *Synagelides cavaleriei* (Schenkel, 1963)

Tagoria cavaleriei Schenkel, 1963: 394, figs 227a-l (♂♀).

Synagelides cavaleriei (Schenkel): Bohdanowicz & Heciak, 1980: 248, figs 1-9 (♂♀); Song, 1987: 306, figs 262 (♂♀); Bohdanowicz, 1987: 66, figs 1-4 (♂♀); Hu & Li, 1987b: 334, figs 49.3-4 (♀); Song, Zhu & Chen, 1999: 560, figs 318L-M, 319D-E (♂♀).

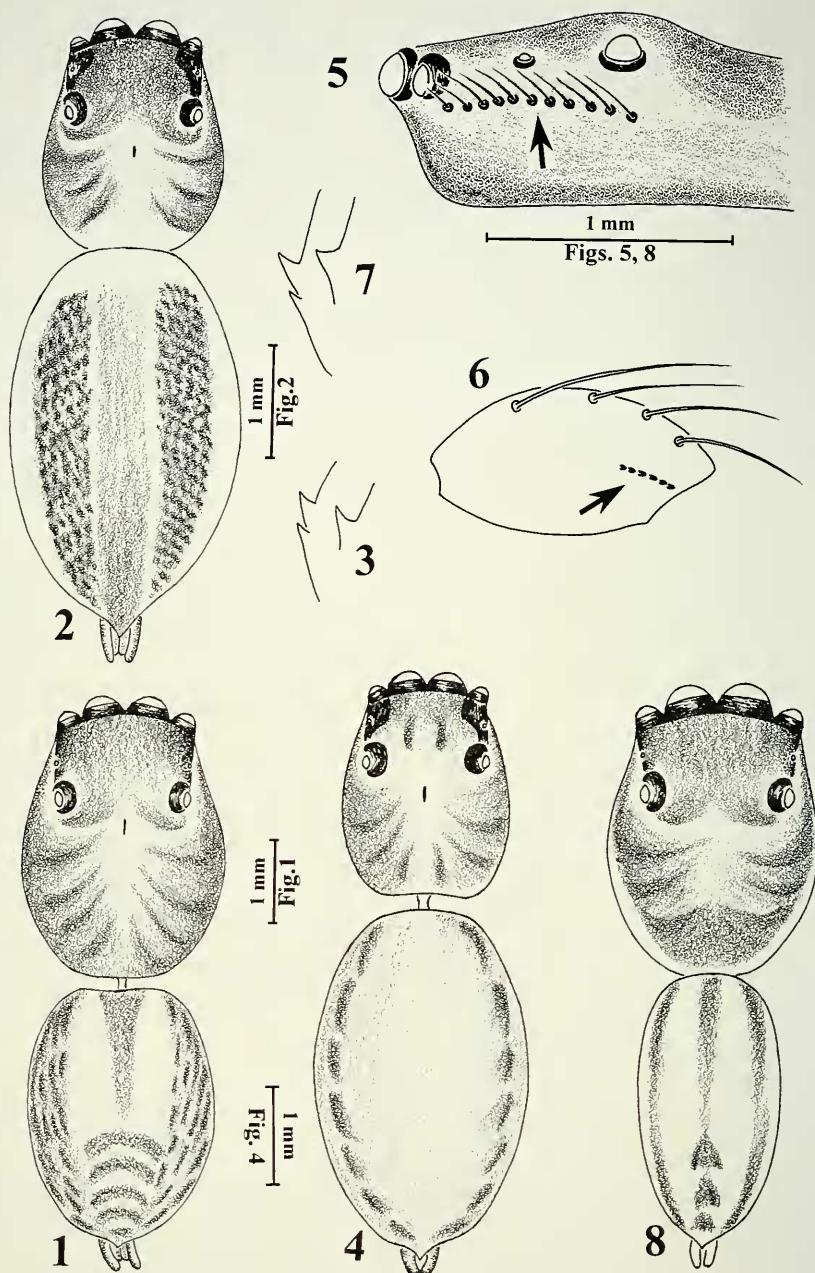
Material examined: 1♂ 1♀ (syntypes of *Tagoria cavaleriei*), today's name of locality not known (locality given on label: Anschunfou) (MNHN); 3♂, Mt. Qijiemeishan, Xuanen District, Hubei Province, 25.V.1989, leg. S. Q. Li (IZCAS).

Distribution. China (Guizhou, Hubei, Tibet).

33. *Talavera trivittata* (Schenkel, 1963)

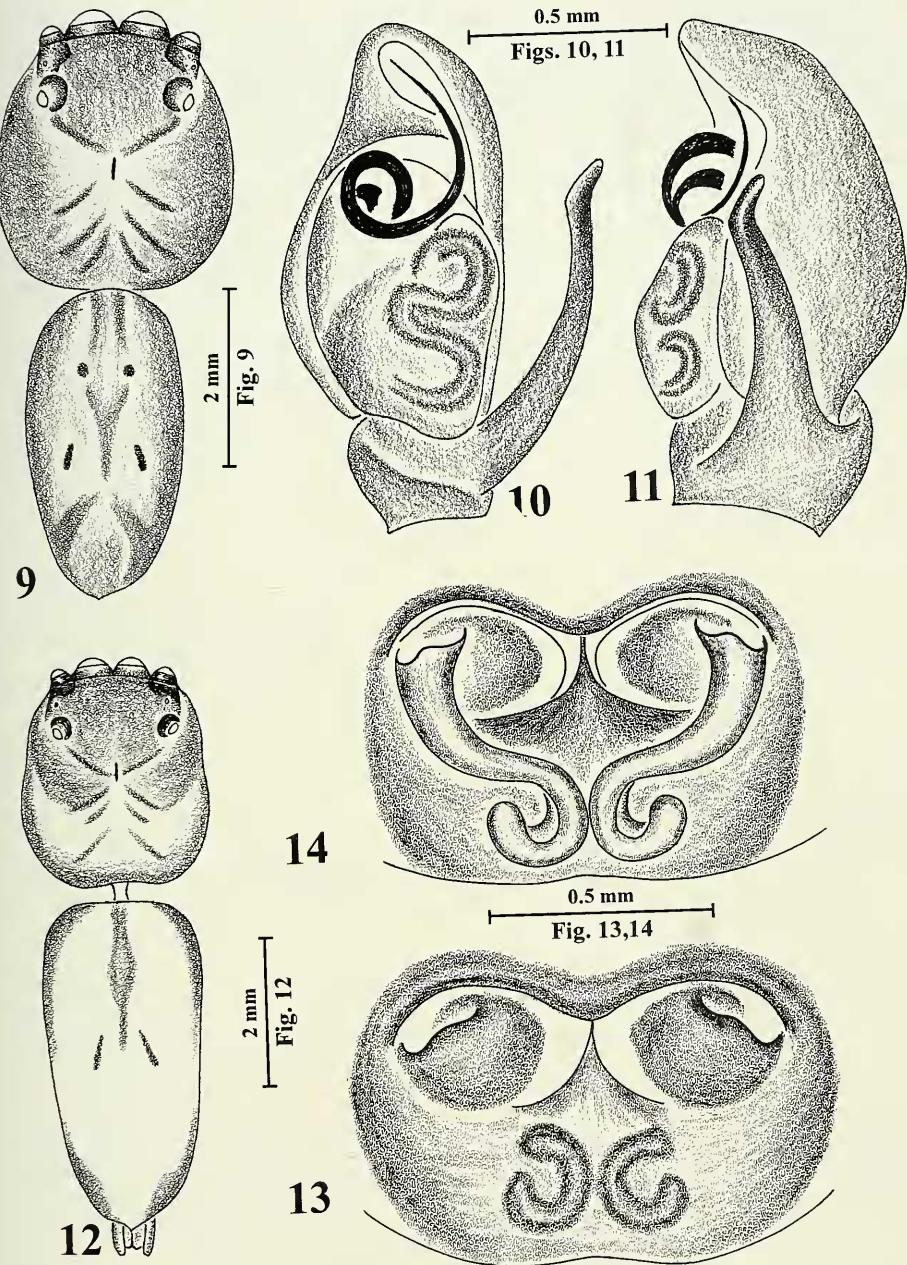
Fig. 8

Euophrys trivittata Schenkel, 1963: 401, figs 231a-b (♀); Wesolowska, 1981b: 130, figs 8-9 (♀); Hu, 1984: 359, figs 374.1-2 (♀); Paik, 1986: 20, figs 1-10 (♂♀); Hu & Wu, 1989: 363, figs 285.3-4 (♀).



FIGS 1-8

1. Body of *Asianellus potanini* (Schenkel, 1963), male.
- 2-3. *Heliophanus potanini* (Schenkel, 1963); 2 body of female; 3 cheliceral teeth.
- 4-7. *Pseudidicus yunnanensis* (Schenkel, 1963) comb. nov.: 4 body of female; 5 carapace, lateral view; 6 femur I, prolateral view; 7 cheliceral teeth.
8. Body of *Talavera trivittata* (Schenkel, 1963), male.



FIGS 9-14

9-11. *Thiania cavaleriei* Schenkel, 1963: 9 body of male; 10 left palpal organ, ventral view; 11 left palpal organ, retrolateral view. 12-14. *Thiania luteobrachialis* Schenkel, 1963: 12 body of female; 13 epigynum; 14 vulva.

Talavera trivittata (Schenkel): Logunov, 1992: 78 (T♂ ♀ from *Euophrys*); Song, Zhu & Chen, 1999: 561, fig. 321F (♀).

Material examined: 1♀ (holotype of *Euophrys trivittata*), collection data missing (according to Schenkel, 1963: "Kloster Schine, Sume, Órdos", 9.IX.1884) (MNHNP).

Distribution. China (Inner Mongolia), Korea, Japan.

34. *Tasa davidi* (Schenkel, 1963)

Thianella davidi Schenkel, 1963: 412, figs 237a-e (♂).

Tasa davidi (Schenkel): Wesolowska, 1981b: 157, figs 88-92 (♂); Peng et al., 1993: 230, figs 819-823 (♂); Song, Zhu & Chen, 1999: 561, figs 319L-M, 330B (♂); Peng, Gong & Kim, 2000: 13, figs 15-18 (♀).

Material examined: 3♂♂, Daoxian District, Hunan Province, 24.IV.1988, leg. L. S. Gong (MHNG); 1♂ 3♀ ♀, Ganxia Town, Daoxian District, Hunan Province, 3.VII.1987, leg. L. S. Gong (HNU); 3♀ ♀, Bajia Town, Daoxian District, Hunan Province, 31.IX.1987, leg. L. S. Gong (HNU); 1♀, Shuangqiao Town, Daoxian District, Hunan Province, 10.VIII.1987, leg. L. S. Gong (HNU); 1♂, Ningxiang District, Changsha City, VIII.1986, leg. X. Q. Xiao (HNU); 1♀, Mt. Lushan, Jiangxi Province, VI.1987, leg. L. P. Xie (HNU); 3♂♂, Daoxian District, Hunan Province, 24. IX.1988, leg. L.S. Gong (HNU).

Distribution. China (Hunan, Jiangxi, Shaanxi).

35. *Thiania cavaleriei* Schenkel, 1963

Figs 9-11

Thiania cavaleriei Schenkel, 1963: 406, figs 234a-g (♂); Prószynski, 1976: 150, fig. 94 (♂); Prószynski, 1984a: 147 (♂); Song, Zhu & Chen, 1999: 562, figs 320L-M (♂).

Material examined: 1♂ (holotype of *Thiania cavaleriei*), today's name of locality not known (locality given on label: Anschunfu) (MNHNP).

Distribution. China (Gansu).

36. *Thiania luteobrachialis* Schenkel, 1963

Figs 12-14

Thiania luteobrachialis Schenkel, 1963: 408, fig. 235 (♀).

Material examined: 1♀ (holotype of *Thiania luteobrachialis*), today's name of locality not known (locality given on label: "Lo Thoei-Tong") (MNHNP).

Distribution. China.

37. *Thyene imperialis* (Rossi, 1846)

Thyene imperialis (Rossi): Peckham & Peckham, 1901: 307, pl. 25, fig. 4; Wesolowska, 1981a: 75, figs 94-101 (♂ ♀); Prószynski, 1987: 109-110 (♂); Peng et al., 1993: 242, figs 862-868 (♂ ♀); Xie & Peng, 1995: 107, figs 5A-F (♂ ♀).

Thyene sinensis Schenkel, 1963: 441, figs 253a-f (♀).

Material examined: 2♂♂, Chongan District, Fujian Province, VII.1986 (HNU); 1♂, Wuning District, Guangxi Zhuang Autonomous Region, VIII.1981 (HNU); 1♂, Tianlin District, Guangxi Zhuang Autonomous Region, IX.1981 (HNU); 2♂♂, Jianfeng, Ledong District, Hainan Province, XII.1989 (MHNG).

Distribution. China (Fujian, Guangdong, Guangxi, Hainan, Hubei), Old World.

RESULTS AND DISCUSSION

Dr E. Schenkel described 41 new salticids species from China between 1936 and 1963. 13 of them remain in the original combination: i.e. *Bianor hotingchiehie* Schenkel, 1963; *Hasarina contortospinosa* Schenkel, 1963; *Heliophanus potanini* Schenkel, 1963; *Menemerus legendrei* Schenkel, 1963; *Menemerus wuchangensis*

Schenkel, 1963; *Pellenes denisi* Schenkel, 1963; *Pellenes gobiensis* Schenkel, 1936; *Pseudoheliophanus similis* Schenkel, 1963; *Salticus potanini* Schenkel, 1963; *Sitticus clavator* Schenkel, 1936; *Sitticus sinensis* Schenkel, 1963; *Thiania cavaleriei* Schenkel, 1963; *Thiania luteobrachialis* Schenkel, 1963.

9 species were earlier transferred to other genera; one is transferred in this paper:

1. *Ballus planus* Schenkel, 1936 = *Rhene plana* (Schenkel, 1936)
2. *Davidia magnidens* Schenkel, 1963 = *Davidina magnidens* (Schenkel, 1963)
3. *Dexippus cavaleriei* Schenkel, 1963 = *Phintella cavaleriei* (Schenkel, 1963)
4. *Euophrys trivittata* Schenkel, 1963 = *Talavera trivittata* (Schenkel, 1963)
5. *Menemerus fagei* Schenkel, 1963 = *Heliophanus potanini* Schenkel, 1963
6. *Menemerus yunnanensis* Schenkel, 1963 = *Pseudicius yunnanensis* (Schenkel, 1963) comb. nov.
7. *Phlegra potanini* Schenkel, 1963 = *Asianellus potanini* (Schenkel, 1963)
8. *Plexippus discifer* Schenkel, 1953 = *Plexippoides discifer* (Schenkel, 1953)
9. *Tagoria cavaleriei* Schenkel, 1963 = *Synagelides cavaleriei* (Schenkel, 1963)
10. *Thianella davidi* Schenkel, 1963 = *Tasa davidi* (Schenkel, 1963)

17 species were placed in synonymy:

1. *Carrhotus pichoni* Schenkel, 1963 = *Carrhotus xanthogramma* (Latreille, 1819)
2. *Dexippus berlandi* Schenkel, 1963 = *Plexippus setipes* Karsch, 1879
3. *Dexippus davidi* Schenkel, 1963 = *Phintella versicolor* (C. L. Koch, 1846)
4. *Dexippus lesserti* Schenkel, 1963 = *Phintella arenicolor* (Grube, 1861)
5. *Dexippus tschekiangensis* Schenkel, 1963 = *Phintella versicolor* (C. L. Koch, 1846)
6. *Euophrys bacelari* Schenkel, 1938 = *Pseudeuophrys obsoleta* (Simon, 1868)
7. *Evarcha pichoni* Schenkel, 1963 = *Evarcha albaria* (L. Koch, 1878)
8. *Heliophanus berlandi* Schenkel, 1963 = *Heliophanus curvidens* (O. P.-Cambridge, 1872)
9. *Menemerus bonneti* Schenkel, 1963 = *Menemerus bivittatus* (Dufour, 1831)
10. *Menemerus sinensis* Schenkel, 1963 = *Menemerus fulvus* (L. Koch, 1878)
11. *Menemerus schensiensis* Schenkel, 1963 = *Menemerus fulvus* (L. Koch, 1878)
12. *Mithion hotingchiehi* Schenkel, 1963 = *Mendoza elongata* (Karsch, 1879)
13. *Mithion pichoni* Schenkel, 1963 = *Mendoza canestrinii* (Ninni, 1868)
14. *Mithion tschekiangensis* Schenkel, 1963 = *Mendoza canestrinii* (Ninni, 1868)
15. *Phlegra pichoni* Schenkel, 1963 = *Asianellus festivus* (C. L. Koch, 1834)
16. *Sitticus paraviduus* Schenkel, 1963 = *Sitticus avocator* (O. P.-Cambridge, 1885)
17. *Thyene sinensis* Schenkel, 1963 = *Thyene imperialis* (Rossi, 1846)

Myrmarachne lesserti Schenkel, 1963 is preoccupied by *M. lesserti* Lawrence, 1938, and was renamed as *Myrmarachne schenkeli* Peng & Li, 2002.

ACKNOWLEDGMENTS

We are very grateful to Dr Ambros Haenggi (NMB) for checking all the material studied by Dr E. Schenkel and deposited in the NMB. Special thanks are given to Dr Peter Schwendinger (Geneva) and Dr Peter Jäger (Mainz) for their continued support during our study on Chinese jumping spiders.

The present study was supported by the National Natural Sciences Foundation of China (NSFC-30270183, 39970102), National Science Fund for Fostering Talents in Basic Research (NSFC-J0030092), also partly supported by the project of Knowledge Innovation Program, Chinese Academy of Science (KSCX2-1-06A, KSCX3-IOZ-01) and the Life Science Special Fund of CAS supported by the Ministry of Finance (STZ-00-19).

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